

PATENT ABSTRACTS OF JAPAN

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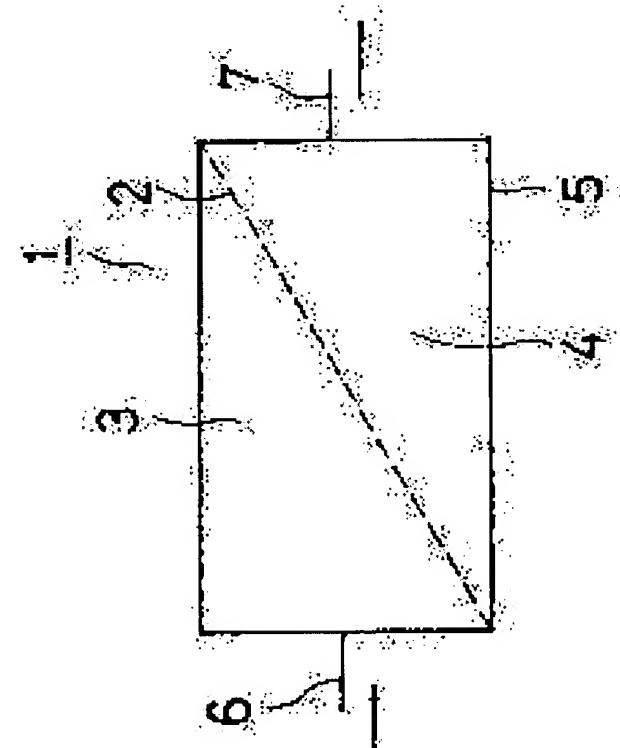
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(54) SEMIPERMEABLE MEMBRANE MODULE AND ITS PRESERVING METHOD

(57)Abstract:

PURPOSE: To prevent a semipermeable membrane module from proliferating fungi during preservation by preserving the semipermeable membrane module in aq. formaldehyde of low concn. after holding the soln. for \geq specified hours at \geq a specified temp.



CONSTITUTION: Aq. formaldehyde having 0.01-0.5wt.% concn. is filled in a liquid chamber 3 at a feed liquid side and 4 at a permeated liquid side, of a main body 1 of a semipermeable membrane module. The preservation of the semipermeable membrane module 1 is commenced after holding the temp. of the aq. formaldehyde soln. at $\geq 50^{\circ}\text{C}$ for $\geq 1\text{hr}$. As the result, proliferation of fungi during preservation is not occurred. Moreover, washing time and an amt. of washing water necessary for washing off the aq. form-aldehyde soln. are reduced remarkably as compared to the washing time and the amt. of washing water required when the preservation is performed by filling aq. formadehyde soln having 1-5wt.% concn. in a semipermeable membrane module in the prior

art. Furthermore, there is no fear for causing damage of the semipermeable membrane by the aq. formaldehyde soln.